JC10 Rec'd PCT/PTO 0 4 FEB 2002

| FORM PTO-1390 (REV 11-2000) | U.S. DEPAP | T OF COMMERCE PATENT AND | TRADEMARK OFFICE | ATTORNE OCKET NUMBER |
|--------------------------------|---|----------------------------------|-------------------------|--|
| | L LETTER. | O THE UNITED | STATES | 72.053 |
| DESIGNATE | ED/ELECTE | O OFFICE (DO/I | EO/US) | U.S. ARRICATION NO (15) |
| | | GUNDER 35 U.S | | 091937,331 7058 |
| INTERNATIONAL APPI | LICATION NO. | INTERNATIONAL F | FILING DATE | PRIORITY DATE CLAIMED |
| PCT/EP00/02138 | Intone al IVih | 10 March 2000 rator with a Measu | wing Custom | March 23 9 9 9 3 7 3 3 3 4 9 9 9 3 7 3 3 4 9 9 9 9 9 3 7 3 3 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| TITLE OF INVENTION | | | | |
| APPLICANT(S) FOR DO | /EO/US Günte i | KUNZE, Georg SI | CK and Stefan | GRAUL |
| | | | | lowing items and other information: |
|] | | concerning a filing under | | |
| | | IT submission of items con | | |
| | request to begin na and (21) indicated t | | ures (35 U.S.C. 371 (| (f)). The submission must include |
| 4. The US has been | elected by the expir | ation of 19 months from th | ne priority date (Artic | ele 31). |
| 5. A copy of the Ir | nternational Applic | cation as filed (35 U.S.C | C. 371 (c)(2)) | |
| a. 🔲 is | attached hereto (re | equired only if not comr | nunicated by the In | iternational Bureau). |
| b. 🔲 ha | s been communica | ated by the International | Bureau. | |
| c. 🔲 is | not required, as th | e application was filed i | in the United States | s Receiving Office (RO/US). |
| 6. An English lang | uage translation o | f the International Appl | ication as filed (35 | U.S.C. 371 (c)(2)). |
| | attached hereto. | | | |
| , | • | submitted under 35 U.S | | |
| | | | | le 19 (35 U.S.C. 371(c)(3)) |
| | | required only if not con | | International Bureau). |
| = | | cated by the Internation | | |
| | | | t for making such a | mendments has NOT expired. |
| | | and will not be made. | | |
| | | , | | Article 19 (35 U.S.C. 371(c)(3)). |
| _ | | ntor(s) (35 U.S.C. 371(d | | |
| | uage translation o J.S.C. 371(c)(5)). | f the annexes to the Inte | rnational Prelimina | ary Examination Report under PCT |
| Items 11 to 20 below co | oncern document | (s) or information incl | uded: | |
| 11. An Information | Disclosure Staten | nent under 37 CFR 1.97 | and 1.98. | |
| 12. X An assignment | document for reco | rding and Appointment | of Domestic Repre | sentative. EXECUTED |
| 13. A FIRST prelin | ninary amendment | | | |
| 14. A SECOND or | SUBSEQUENT p | reliminary amendment. | | |
| 15. A substitute spe | cification. | • | | |
| 16. A change of pov | wer of attorney and | d/or address letter. | | |
| 17. A computer-rea | dable form of the | sequence listing in accor | rdance with PCT R | ule 13ter.2 and 35 U.S.C. 1.821 – 1.825. |
| 18. A second copy | of the published in | ternational application | under 35 U.S.C. 15 | 4(d)(4). |
| 19. A second copy | of the English lang | guage translation of the | international applic | eation under 35 U.S.C. 154(d)(4). |
| 20. Other items or i | nformation: | | | |
| | | | | |
| I | | | | |

JC13 Rec'd PCT/PTO 0 4 FEB 2002

| U.S. APP (129-7-9-3 | | NATIONAL APPLICATION NO. $\Gamma/00/02138$ | | <i>(</i> ''' | 2.053 | | |
|---|--|---|---|-------------------|---|-----------------------|-----|
| 21. The following | ng fees are submitted: | | | | CALCULATIONS | PTO USE ONLY | 1 |
| | FEE (37 CFR 1.492 (a) | (1) - (5)) : | | | 10/04 | OÎZE | 1 |
| Neither international p | oreliminary examination f th fee (37 CFR 1.445(a)(2 och Report not prepared by | Tee (37 CFR 1.482) | \$1040 | 0.00 | 09/93 | 7-77 7,3317 | 231 |
| International prelimin | ary examination fee (37 C nal Search Report prepar | CFR 1.482) not paid to | \$890 | | | , | |
| International prelimin but international searc | ary examination fee (37 Ch fee (37 CFR 1.445 (a)(| CFR 1.482) not paid to U 2)) paid to USPTO | SPTO \$74 | 0.00 | | | |
| International prelimina but all claims did not s | ary examination fee (37 C satisfy provisions of PCT | CFR 1.482) paid to USP7 Article 33(1)-(4) | TO \$710 | 0.00 | | | |
| and all claims satisfied | ary examination fee (37 C d provisions of PCT Artic | ele 33(1)-(4) | \$10 | 0.00 | | | |
| ENTE | R APPROPRIATE I | BASIC FEE AMOU | J NT = | | \$ 890.00 | | 1 |
| | or furnishing the oath or out of the claimed priority date (3) | | 20 X 3 | 0 | \$ 130.00 | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | \$ | | 4 |
| Total claims | 0 - 20 = | 0 | X \$1 | 8.00 | \$ 0.00 | | 1 |
| Independent claims | 0 - 3 = | 00 | X \$8 | 0.00 | \$ 0.00 | | 1 |
| MULTIPLE DEPEND | ENT CLAIM(S) (if appli | | | 0.00 | \$ 0.00 | | ┨ |
| | | OF ABOVE CAL | | | \$ 0.00 | | ┨ |
| Applicant clair reduced by ½. | ns small entity status. Se | e 37 CFR 1.27. The fee | s indicated above | are + | \$ 0.00 | - | |
| • | | | SUBTOTAL | լ = | \$ 0.00 | | |
| | .00 for furnishing the Eng st claimed priority date (3 | | 20 | 30 | \$ 0.00 | | |
| | | TOTAL NA | TIONAL FEI | E = | \$ 1020.00 | | 1 |
| Fee for recording the el accompanied by an app | nclosed assignment (37 Coropriate cover sheet (37 C | FR 1.21(h)). The assign CFR 3.28, 3.31). \$40.0 0 | ment must be per property | + | \$ 40.00 | | |
| | | TOTAL FEES | ENCLOSEI |) = | \$ 1060.00 | | 1 |
| | | | | | Amount to be: refunded | \$ | |
| | | | | | charged | \$ | 1 |
| b. Please char A duplicate | the amount of \$ 1060.00 to ge my Deposit Account N copy of this sheet is encl | loosed. | in the amount of | | | | |
| c. X The Commoverpaymen | issioner is hereby authoriant to Deposit Account No | zed to charge any addition in the contract of | nal fees which m copy of this shee | ay be et is en | required, or credit an closed. | у | |
| d. Fees are to information | be charged to a credit car n should not be included | d. WARNING: Information this form. Provide | ation on this forn credit card infor | n may mation | become public. Creci and authorization on | lit card PTO-2038. | |
| NOTE: Where an ap 1.137(a) or (b)) must l | propriate time limit und be filed and granted to r | ler 37 CFR 1.494 or 1.4 estore the application t | 95 has not been to pending statu | met, : | a petition to revive (| 37 CFR | |
| SEND ALL CORRESPOND Timothy E. Newholm BOYLE, FREDRICKSON, ? 250 E. Wisconsin Ave., Ste. 1030 Milwaukee, WI 53202 | NEWHOLM, STEIN & GRATZ | | imothy E. Newholm, R. | eg. No. 3 | 4,400 | | |

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

| completed Racid PCT/PTO | 04 | FEB | 2002 |
|-------------------------|---|---|--------------------------|
| 09/937,331 | | | |
| September 21, 2001 | | | |
| Kunze | | | |
| | | | |
| | | | |
| 72.053 | | | |
| | 09/937,331 September 21, 2001 Kunze | 09/937,331 September 21, 2001 Kunze | September 21, 2001 Kunze |

SUBTOTAL (3)

(\$2,510)

| TOTAL | AMC | DUNT (| OF PA | YMENT | (\$2,510) | Attorney Docket No. | | | et No. | 72.053 | | | |
|--|-------------|-----------------------|---------------|---------------------------------------|-----------------------------------|-----------------------------|-----------------------|-------------------------|----------------------------|--|----------|--|--|
| METHOD OF PAYMENT | | | | | | FEE CALCULATION (continued) | | | | | | | |
| The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: | | | | | 3. / | Large | IONAI | FEES Small Entity | | | | | |
| Deposit Account Number | 50- | 1170 | | | | Fee Code | Entity Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid | | |
| Deposit Account Name | Bo | yle, Fred | iricksor | n, Newholm, St | tein & Gratz S.C. | 105 | 130 | 205 | 65 | Surcharge – late filing fee or oath | 130 | | |
| Y | | Any Add | | ee Required | | 127 | 50 | 227 | 25 | Surcharge – late provisional filing fee or cover sheet | | | |
| | | nt claims CFR 1.2 | | ntity status. | | 139 | 130 | 139 | 130 | Non-English specification | | | |
| 2. X | Davn | nent E | nclos | eq. | | 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | | | |
| | Check | | redit C | Mo | ney Other | · 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | | |
| | | FE | E CA | LCULATIO | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | | |
| 1. BAS | IC EI | LING | EE | | · | 115 | 110 | 215 | 55 | Extension for reply within first month | | | |
| Large Er | | Small | | | | 116 | 400 | 216 | 200 | Extension for reply within second month | | | |
| Fee | Fee | Fee | Feé | Fee Descrip | otion | 117 | 920 | 217 | 460 | Extension for reply within third month | | | |
| | (\$) 740 | Code | (\$) | Little files fo | Fee Paid | 118 | 1.440 | 218 | 720 | Extension for reply within fourth month | | | |
| | 740 | 201 | 370 | Utility filing fe | | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | | | |
| | 330 510 | 206 207 | 165 255 | Design filing fee | | 119 | 320 | 219 | 160 | Notice of Appeal | | | |
| 1 | 740 | 207 | 370 | Reissue filing | | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | | | |
| | 160 | 214 | 80 | Provisional filir | | 121 | 280 | 221 | 140 | Request for oral hearing | | | |
| 114 | 100 | 214 | 00 | 1 TOVISIONAL IIII | igicc | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | | |
| | | | SUB | STOTAL (1) | (\$) | 140 | 110 | 240 | 55 | Petition to revive – unavoidable | | | |
| 2. EXT | RA C | LAIM F | | · · · · · · · · · · · · · · · · · · · | 1 () | 141 | 1,280 | 241 | 640 | Petition to revive – unintentional | 1,280 | | |
| | _ | | | | ee from below Fee Paid | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | | | |
| Total Clai | | -20 |)**= <u> </u> | × [| = | 143 | 460 | 243 | 230 | Design issue fee | | | |
| Independ Claims | ent | - 3 | **= | x [| = | 144 | 620 | 244 | 310 | Plant issue fee | | | |
| Multiple Depende | nt | ····· | - | | = | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | | |
| , | | | | | | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | | | |
| Large Er Fee F Code (\$ | ee | Small Fee F Code (| ee | Fee | Description | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | | |
| 103 | 18 | 203 | 9 | Claims in exc | ess of 20 | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 | | |
| 102 | 84 | 202 | 42 | Independent | claims in excess of 3 | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | |
| 104 | 280 | 204 | 140 | Multiple deper | ndent daim, if not paid | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | |
| 109 | 84 | 209 | 42 | **Reissue ind original pate | ependent claims over | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | | | |
| 110 | 18 | 210 | 9 | **Reissue cla | ims in excess of 20 iginal patent | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | | |
| SUBTOTAL (2) (\$) | | | | | Other | fee (spe | cify) I | J.S. Bas | ic National Fee – 30 Month | 1,060 ' | | | |

| SUBMITTED BY Complete (if applicable) | | | | | | |
|---------------------------------------|--------------------|--------------------------------------|--------|-----------|-------------------|--|
| Name (Print/Type) | Timothy E. Newholm | Registration No. (Attorney/Agent) | 34,400 | Telephone | (414) 225-9755 | |
| Signature | Tay | | | Date | December 11, 2001 | |

*Reduced by Basic Filing Fee Paid

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.

** or number previously paid, if greater; For Reissues, see above